

Title (en)

MOBILE STATION WITH INTELLIGENT ROAMING AND OVER-THE-AIR PROGRAMMING FEATURES

Title (de)

MOBILTELEFON MIT LEISTUNGSMERKMALEN FÜR INTELLIGENTES ROAMING UND PROGRAMMIERUNG ÜBER DIE LUFTSCHNITTSTELLE

Title (fr)

STATION MOBILE A FONCTIONS INTELLIGENTES D'ITINERANCE ET DE PROGRAMMATION PAR AIR

Publication

EP 0968617 A4 20020102 (EN)

Application

EP 98910079 A 19980317

Priority

- US 9803805 W 19980317
- US 82817297 A 19970318

Abstract (en)

[origin: EP1915003A2] A mobile station is provided with intelligent roaming capabilities. The mobile station, which may be implemented as a mobile, cellular, or PCS telephone unit, includes a System Access List (SAL) that is stored in a memory of the mobile station. The SAL may be programmed into the mobile station through a physical interface (such as a computer interface) or by using an over-the-air programming function. When the mobile station is initialized, the mobile station first scans the bands of its home system. A secondary band may also be provided for scanning, if the mobile station is unable to locate a control channel on its home band. If the mobile station is not located within its home system, the SAL is searched to determine whether the current system is a preferred system. The SAL may include information on the blocks of channels to scan in the preferred bands.

IPC 1-7

H04Q 7/22

IPC 8 full level

H04W 48/16 (2009.01); **H04W 8/18** (2009.01); **H04W 8/20** (2009.01); **H04W 48/18** (2009.01)

CPC (source: EP US)

H04W 48/16 (2013.01 - EP US); **H04W 8/183** (2013.01 - EP US); **H04W 8/205** (2013.01 - EP US); **H04W 48/18** (2013.01 - EP US)

Citation (search report)

- [X] US 5428666 A 19950627 - FYFE KIPLING W [CA], et al
- [PX] EP 0779752 A2 19970618 - AT & T WIRELESS SERVICES INC [US]

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

WO 9842152 A1 19980924; AT E399439 T1 20080715; AT E538614 T1 20120115; DE 69839637 D1 20080807; EP 0968617 A1 20000105; EP 0968617 A4 20020102; EP 0968617 B1 20080625; EP 1915003 A2 20080423; EP 1915003 A3 20081119; EP 1915003 B1 20111221; US 5950130 A 19990907

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